

What is claimed is:

1. A sternum suture material utilized during a cardiac surgery, wherein a needle to pierce through the sternum is attached at one end of a resin-made band, the center part of the band is in a sash form, one side of the sash has a multiple number of serial projections to prevent untwining, the other end of the band is made in a box form, the needle that pierces through the sternum passes through inside the box, and the lower side of the upper portion of the inside of the box has receptors to receive the untwining-prevention projections, thus this sternum suture band is made to gradually fasten and then fix the sternum.
2. A sternum suture band according to Claim 1, wherein the tip end of the needle attached to one end of the band is in a dull form, not to directly pierce through the sternum but to enable suture along the costae without damaging the internal thoracic artery and other blood vessels.
3. A sternum suture band according to Claims 1 and 2, wherein the main part of the band is made of material that are absorbed in the body through mechanisms of hydrolysis or decomposition by enzymes.
4. A fastening device for fastening the sternum suture band according to Claims 1, 2 and 3, wherein a sternum suture band is inserted from the insertion guide at one end of the band, the front box of the insertion is adhered closely with the box part, and when the slide grip is pulled, the hold gear holds one end of the sternum suture band, to pull in the sternum to the foreside, and when the tension exceeds the pulling intensity of the sternum suture band, the band is automatically cut off.